

Converting Colors

$Y_{xy}(27.6574, 0.3647, 0.3028)$

Have a look what the booklet for
Yxy(27.6574, 0.3647, 0.3028)
contains.

Yxy(27.6574, 0.3647, 0.3028)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.6574, 0.3647, 0.3028)

Conversions

Conversions Part 1

Format	Color
Hex	BC7E91
RGB	188, 126, 145
RGB Percent	74%, 49%, 57%
CMY	0.2627, 0.5059, 0.4314
CMYK	0.00, 0.33, 0.23, 0.26
HSL	342°, 32%, 62%
HSV	342°, 33%, 74%
XYZ	33.3113, 27.6574, 30.3702
YIQ	146.7040, 30.8530, 19.0530

Conversions

Conversions Part 2

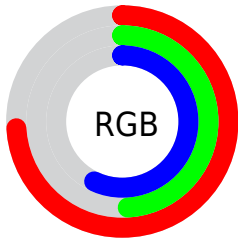
Format	Color
R _Y B	188, 126, 145
Decimal	12353169
CIE Lab	59.58, 26.76, -0.37
CIE LCh	60, 26.759, 359.212
Yxy	27.6574, 0.3647, 0.3028
Android (android.graphics.Color)	4290543249 (0xFFBC7E91)
YUV	146.7040, -0.8401, 36.2166
Hunter-Lab	52.5903, 21.0308, 2.5741

Details

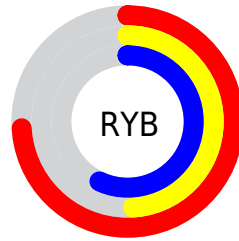
The Yxy color $27.6574, 0.3647, 0.3028$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $43.2688, 0.2786, 0.3572$, and the grayscale version is $29.0437, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.7762, 0.3535, 0.3077$, and $10.9817, 0.3820, 0.2929$ is the 20% darker color. If you saturate the color by 10%, you get $22.9144, 0.3882, 0.2947$, and if you desaturate by 10%, it is $33.3527, 0.3452, 0.3111$.

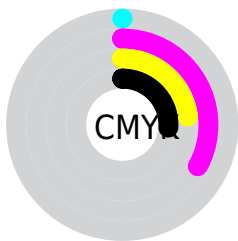
Distribution



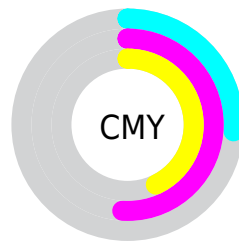
- Red (74%)
- Green (49%)
- Blue (57%)



- Red (74%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (26%)





- Cyan (26%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6574, 0.3647, 0.3028 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 27.6574, 0.3647, 0.3028 by changing the saturation by 10% instead.


 27.6574, 0.3647,
0.3028


 27.6574, 0.3647,
0.3028


290.8262, 0.3365,
0.3170


 18.0676, 0.3726,
0.2988


 55.9370, 0.3539,
0.3083

 10.9985, 0.3833,
0.2935


 75.3955, 0.3500,
0.3102

 6.0658, 0.3985,
0.2859


 98.9125, 0.3468,
0.3118

 2.8852, 0.4221,
0.2741

126.8721, 0.3440,
0.3132

 1.0721, 0.4629,
0.2538

159.6589, 0.3417,
0.3144

 0.0000, 1.0000,
0.0000

197.6573, 0.3397,

 0.0000, 0.0000,

0.3154

0.0000

241.2516, 0.3380,
0.3162

■ 27.6574, 0.3647,
0.3028

■ 27.6574, 0.3647,
0.3028

■ 22.9144, 0.3882,
0.2947

■ 33.3527, 0.3452,
0.3111

■ 19.0675, 0.4160,
0.2876

■ 40.0446, 0.3292,
0.3192

■ 16.0606, 0.4480,
0.2822

■ 47.7794, 0.3161,
0.3268


■ 13.8297, 0.4831,
0.2797


■ 56.5992, 0.3055,
0.3339


■ 12.3012, 0.5191,
0.2813


■ 66.5441, 0.2967,
0.3405


 11.3872, 0.5529,
0.2876

 77.6518, 0.2896,
0.3465

 10.9933, 0.5743,
0.2937

 88.2843, 0.2835,
0.3492

 89.0715, 0.2770,
0.3350

 89.4319, 0.2742,
0.3289

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.6574, 0.3208, 0.2750



27.6574, 0.3647, 0.3028



27.6574, 0.3948, 0.3375

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.6574, 0.3647, 0.3028



27.6574, 0.3442, 0.4094



27.6574, 0.2316, 0.2771

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.6574, 0.3647, 0.3028



43.2688, 0.2786, 0.3572

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.6574, 0.2368, 0.3115



27.6574, 0.3647, 0.3028



27.6574, 0.3000, 0.3932

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.6574, 0.3647, 0.3028



27.6574, 0.3815, 0.4000



27.6574, 0.2611, 0.3553



27.6574, 0.2458, 0.2595

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.6574, 0.3647, 0.3028



27.6574, 0.4017, 0.3613



27.6574, 0.2611, 0.3553



27.6574, 0.2311, 0.2869

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.6587, 0.3647, 0.3028



76.3225, 0.3252, 0.3214



26.9191, 0.2959, 0.2431



16.0059, 0.3272, 0.3203



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.6587, 0.3647, 0.3028



43.3763, 0.3824, 0.2966



30.1950, 0.3829, 0.3451



9.5832, 0.3241, 0.3220



7.4963, 0.5710, 0.2919



0.3057, 0.5010, 0.2534

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.6587, 0.3647, 0.3028



43.3763, 0.3824, 0.2966



39.3680, 0.2643, 0.3121



9.5832, 0.3241, 0.3220



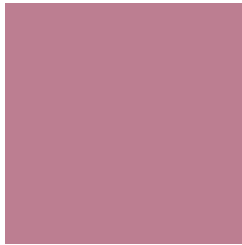
7.4963, 0.5710, 0.2919



0.3057, 0.5010, 0.2534

Previews

White Background



This preview shows how the Yxy color 27.6574, 0.3647, 0.3028 looks on a white background.

Color Contrast Check

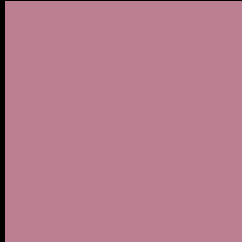
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 27.6574, 0.3647, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

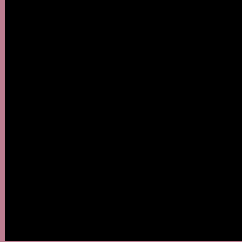
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.6574, 0.3647, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 27.6574, 0.3647, 0.3028.



This preview shows how white text looks on a background with the Yxy color 27.6574, 0.3647, 0.3028.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.6574, 0.3647, 0.3028

Protanopia

27.8511, 0.3012, 0.3099

Deuteranopia

27.7175, 0.3295, 0.3228



Tritanopia

27.5497, 0.3729, 0.3152

Trichromacy



Original Color

27.6574, 0.3647, 0.3028

Protanomaly

27.4966, 0.3225, 0.3076

Deuteranomaly

27.4988, 0.3418, 0.3141

Tritanomaly

27.6370, 0.3693, 0.3110

Monochromacy



Original Color

27.6574, 0.3647, 0.3028

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.2219, 0.3308, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6574, 0.3647, 0.3028 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 126, 145)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 126, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.6574, 0.3647, 0.3028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

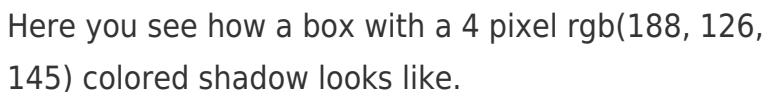
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 126, 145) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 126, 145) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(188, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 126, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 126, 145); box-shadow:4px 4px 4px 4px rgb(188, 126, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6574, 0.3647, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 126, 145) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
126, 145) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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